Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **695** **Const Calendar Day:** 135 **Date:** **17-Oct-2012** **Wednesday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 12:00 am 09:30 am **Break:** 00:30 **Over Time:** 01:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 50 - 60 **12 PM** 60 - 70 **4PM** 60 - 70
Precipitation 0.00" **Condition** Clear

Working Day ☐ If no, explain:

Diary: Dispute ☐

Work description.

- Surveyed points on the SAS and Skyway to establish the position of the bridges in relation to one another, specifically concentrating on the horizontal and vertical alignment to enable the Hinge A pipe beams through the SAS sleeves. The total station and automatic level were used for this survey with the assistance of Bob Brignano.

The survey was done under uniform ambient conditions starting late last night at 11:45pm until 4:45am. Per weather.com the official time of sunset on October 16th was 6:30pm and the time of sunrise today was at 7:21am. The ambient temperature during the survey was 62F under clear skies. The steel temperature range was measured at 58F to 55F on the E-Line Skyway steel tub section. The wind speed was measured from the west southwest direction at 1mph with a barometric pressure of 29.91"Hg. A total of 34 points were shot on the SAS and Skyway bridge decks to determine the alignment between the two structures.

- Began to process the surveying data for todays measurements taken with the assistance of the District 4 surveyors.